



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 10571241  
SAU: Falmouth School Department  
School: Falmouth Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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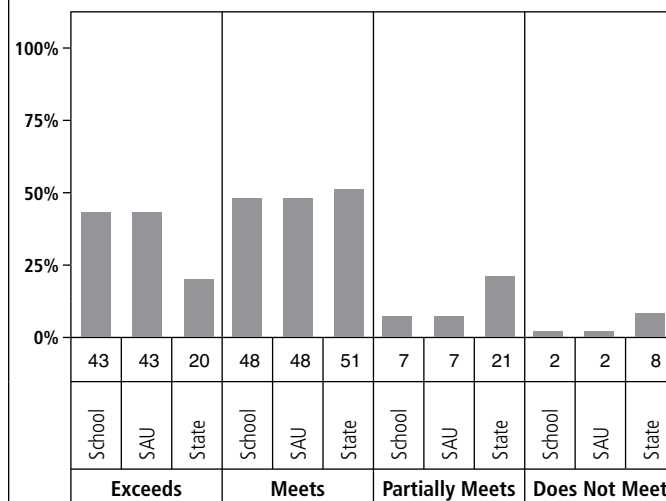
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: Falmouth School Department  
School: Falmouth Middle School

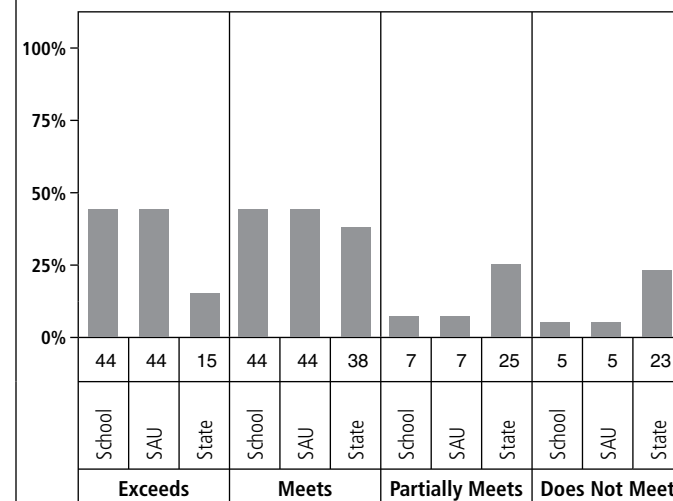
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	857	857	847
2007–2008	858	858	849
<b>2008–2009</b>	<b>859</b>	<b>859</b>	<b>850</b>
Cum. Avg.*	858	858	849
<b>Mathematics</b>			
2006–2007	859	859	842
2007–2008	851	851	841
<b>2008–2009</b>	<b>858</b>	<b>858</b>	<b>843</b>
Cum. Avg.*	856	856	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>856</b>	<b>856</b>	<b>846</b>

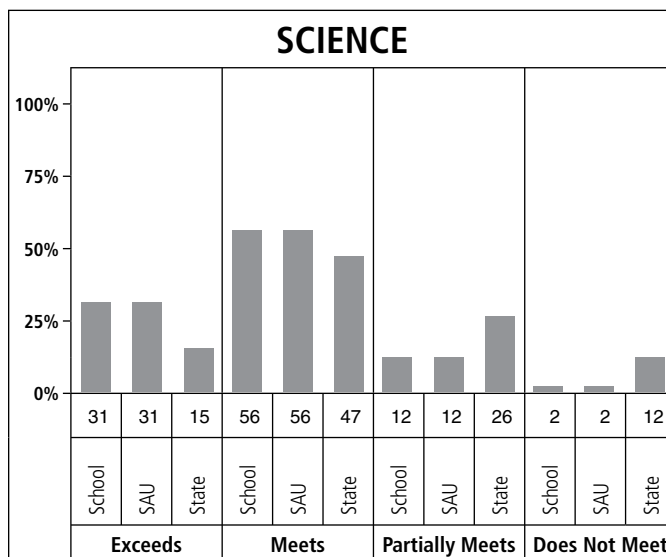
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
 Grade: 8  
 SAU: Falmouth School Department  
 School: Falmouth Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
							School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	191	100	192	100	14804	100	191	100	191	100	14659	99	191	100	191	100	14653	99	191	100	191	100	14626	99
<b>Ethnicity</b> African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	1	1	1	1	119	1	1	100	1	100	117	99	1	100	1	100	115	97	1	100	1	100	116	98
Asian or Pacific Islander	14	7	14	7	238	2	14	100	14	100	232	97	14	100	14	100	234	98	14	100	14	100	234	98
Hispanic	3	2	3	2	192	1	3	100	3	100	188	98	3	100	3	100	191	100	3	100	3	100	190	99
Caucasian/White	173	91	174	91	13878	94	173	100	173	100	13756	99	173	100	173	100	13742	99	173	100	173	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	24	13	25	13	2489	17	24	100	24	100	2434	99	24	100	24	100	2424	98	24	100	24	100	2418	98
<b>Current LEP</b>	4	2	4	2	349	2	4	100	4	100	331	95	4	100	4	100	342	98	4	100	4	100	338	97
<b>Economically disadvantaged</b>	9	5	9	5	5460	37	9	100	9	100	5380	99	9	100	9	100	5377	99	9	100	9	100	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	174	91	174	91	12132	82	175	92	175	91	12124	82	175	92	175	91	12169	82
Identified disability (PET/IEP)	8	5	8	5	379	3	8	5	8	5	380	3	8	5	8	5	425	3
LEP	3	2	3	2	166	1	3	2	3	2	169	1	3	2	3	2	168	1
504 plan	4	2	4	2	200	2	4	2	4	2	200	2	4	2	4	2	202	2
<b>Participation with accommodations</b>	16	8	16	8	2349	16	15	8	15	8	2347	16	15	8	15	8	2288	15
Identified disability (PET/IEP)	15	94	15	94	1877	80	15	100	15	100	1862	79	15	100	15	100	1824	80
LEP	1	6	1	6	158	7	1	7	1	7	167	7	1	7	1	7	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	1	6	1	6	292	12	0	0	0	0	297	13	0	0	0	0	280	12
<b>Participation through alternate assessment (PAAP)</b>	1	1	1	1	178	1	1	1	1	1	182	1	1	1	1	1	169	1
Identified disability (PET/IEP)	1	100	1	100	178	100	1	100	1	100	182	100	1	100	1	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	1	1	32	0	0	0	1	1	34	0	0	0	1	1	38	0
<b>Non-participation – other</b>	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Falmouth School Department  
School: Falmouth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	57	34	57	34	2407	16
	2007-2008	79	42	79	42	3428	23
	<b>2008-2009</b>	<b>82</b>	<b>43</b>	<b>82</b>	<b>43</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	218	40	218	40	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	86	51	86	51	7494	49
	2007-2008	87	47	87	47	7179	48
	<b>2008-2009</b>	<b>91</b>	<b>48</b>	<b>91</b>	<b>48</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	264	49	264	49	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	20	12	20	12	3628	24
	2007-2008	15	8	15	8	2706	18
	<b>2008-2009</b>	<b>14</b>	<b>7</b>	<b>14</b>	<b>7</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	49	9	49	9	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	4	2	4	2	1810	12
	2007-2008	5	3	5	3	1611	11
	<b>2008-2009</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	12	2	12	2	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	41.7	74.5	41.7	74.5	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	14.4	72.0	14.4	72.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	27.3	75.8	27.3	75.8	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Falmouth School Department  
 School: Falmouth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	190	82	43	91	48	14	7	3	2	859	190	43	48	7	2	859	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	1										1						116	10	46	26	18	843
Asian or Pacific Islander	14	8	57	4	29	0	0	2	14	859	14	57	29	0	14	859	231	28	43	19	10	851
Hispanic	3										3						186	17	48	23	12	847
Caucasian/White	172	72	42	85	49	14	8	1	1	859	172	42	49	8	1	859	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	23	2	9	13	57	6	26	2	9	845	23	9	57	26	9	845	2256	2	25	40	34	834
No	167	80	48	78	47	8	5	1	1	861	167	48	47	5	1	861	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	4										4						324	5	34	36	26	838
No	186	81	44	90	48	14	8	1	1	859	186	44	48	8	1	859	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	9	2	22	3	33	2	22	2	22	848	9	22	33	22	22	848	5277	10	46	29	15	844
No	181	80	44	88	49	12	7	1	1	860	181	44	49	7	1	860	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	190	82	43	91	48	14	7	3	2	859	190	43	48	7	2	859	14476	20	51	21	8	850
<b>Gender</b>																						
Female	90	46	51	35	39	7	8	2	2	861	90	51	39	8	2	861	7074	25	51	18	6	852
Male	100	36	36	56	56	7	7	1	1	857	100	36	56	7	1	857	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	9	43	35	14	843
No	190	82	43	91	48	14	7	3	2	859	190	43	48	7	2	859	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	13	11	85	2	15	0	0	0	0	868	13	85	15	0	0	868	700	69	30	1	0	867
No	177	71	40	89	50	14	8	3	2	858	177	40	50	8	2	858	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Falmouth School Department  
School: Falmouth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	2	1	25	2	50	0	0	1	25	849	2	25	50	0	25	849	8	8	39	29	24	841
B. less than one hour	37	21	30	43	62	3	4	2	3	857	37	30	62	4	3	857	51	17	53	22	8	849
C. one to two hours	56	56	53	39	37	10	10	0	0	861	56	53	37	10	0	861	36	24	52	18	5	852
D. more than two hours	6	3	27	7	64	1	9	0	0	857	6	27	64	9	0	857	5	29	45	18	9	852
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	28	36	68	17	32	0	0	0	0	865	28	68	32	0	0	865	31	35	50	11	4	856
B. good	53	39	39	53	52	7	7	2	2	858	53	39	52	7	2	858	47	16	55	21	7	849
C. fair	17	6	19	19	59	6	19	1	3	853	17	19	59	19	3	853	18	5	47	33	15	842
D. poor	2	1	25	2	50	1	25	0	0	853	2	25	50	25	0	853	3	2	39	37	22	839
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	31	30	52	26	45	2	3	0	0	861	31	52	45	3	0	861	32	27	54	14	5	853
B. They match some of what I have learned.	57	42	39	52	49	11	10	2	2	858	57	39	49	10	2	858	52	18	53	22	8	850
C. They match just a little of what I have learned.	10	6	33	10	56	1	6	1	6	856	10	33	56	6	6	856	12	11	45	29	15	844
D. There is no match.	3	3	50	3	50	0	0	0	0	861	3	50	50	0	0	861	4	6	34	33	26	838
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	11	4	20	12	60	3	15	1	5	853	11	20	60	15	5	853	15	13	42	28	17	844
B. about the same as my regular schoolwork	61	44	39	58	52	9	8	1	1	858	61	39	52	8	1	858	64	19	53	20	7	850
C. easier than my regular schoolwork	29	32	60	18	34	2	4	1	2	863	29	60	34	4	2	863	22	25	52	16	6	852
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	3	0	0	3	50	1	17	2	33	837	3	0	50	17	33	837	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	48	25	27	52	57	13	14	1	1	855	48	27	57	14	1	855	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	48	56	62	35	38	0	0	0	0	864	48	62	38	0	0	864	40	30	53	13	4	855
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	21	12	30	23	58	3	8	2	5	855	21	30	58	8	5	855	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	71	62	47	60	45	10	8	1	1	860	71	47	45	8	1	860	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	7	7	50	6	43	1	7	0	0	861	7	50	43	7	0	861	7	12	46	27	15	845
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	17	21	66	8	25	2	6	1	3	863	17	66	25	6	3	863	19	26	53	15	6	853
B. 20 minutes to an hour	39	38	51	35	47	0	0	1	1	862	39	51	47	0	1	862	40	25	52	17	6	852
C. less than 20 minutes	22	14	33	20	48	7	17	1	2	854	22	33	48	17	2	854	15	18	51	21	10	849
D. I rarely read at home.	22	9	21	28	67	5	12	0	0	854	22	21	67	12	0	854	26	7	50	30	13	844
<b>How do you feel about the following statement? "My knowledge of reading will be useful to me as an adult."</b>																						
A. strongly agree	53	45	45	49	49	4	4	2	2	861	53	45	49	4	2	861	42	27	51	15	6	853
B. agree	39	31	42	34	46	8	11	1	1	857	39	42	46	11	1	857	50	15	53	23	9	848
C. disagree	6	4	33	6	50	2	17	0	0	856	6	33	50	17	0	856	7	8	46	32	14	843
D. strongly disagree	2	1	33	2	67	0	0	0	0	858	2	33	67	0	0	858	2	6	39	35	21	840
<b>Optional school/SAU question</b>																						
A.	43	2	67	1	33	0	0	0	0	866	43	67	33	0	0	866						
B.	29	0	0	0	0	1	50	1	50	834	29	0	0	50	50	834						
C.	14	0	0	1	100	0	0	0	0	852	14	0	100	0	0	852						
D.	14	1	100	0	0	0	0	0	0	866	14	100	0	0	0	866						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Falmouth School Department  
School: Falmouth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	81	48	81	48	1952	13
	2007-2008	46	25	46	25	1657	11
	<b>2008-2009</b>	<b>83</b>	<b>44</b>	<b>83</b>	<b>44</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	210	39	210	39	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	60	36	60	36	5870	38
	2007-2008	97	52	97	52	5956	40
	<b>2008-2009</b>	<b>83</b>	<b>44</b>	<b>83</b>	<b>44</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	240	44	240	44	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	22	13	22	13	3982	26
	2007-2008	28	15	28	15	3729	25
	<b>2008-2009</b>	<b>14</b>	<b>7</b>	<b>14</b>	<b>7</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	64	12	64	12	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	5	3	5	3	3534	23
	2007-2008	15	8	15	8	3579	24
	<b>2008-2009</b>	<b>10</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	30	6	30	6	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	38.6	68.9	38.6	68.9	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	5.5	68.8	5.5	68.8	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	11.6	72.5	11.6	72.5	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	7.5	62.5	7.5	62.5	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	13.9	69.5	13.9	69.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Falmouth School Department  
 School: Falmouth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	190	83	44	83	44	14	7	10	5	858	190	44	44	7	5	858	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	1										1						114	5	31	32	32	836
Asian or Pacific Islander	14	6	43	6	43	0	0	2	14	858	14	43	43	0	14	858	233	27	33	20	21	847
Hispanic	3										3						190	8	31	26	34	836
Caucasian/White	172	74	43	77	45	14	8	7	4	858	172	43	45	8	4	858	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	23	2	9	10	43	5	22	6	26	840	23	9	43	22	26	840	2242	2	12	22	63	824
No	167	81	49	73	44	9	5	4	2	861	167	49	44	5	2	861	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	4										4						336	6	18	26	51	829
No	186	81	44	83	45	14	8	8	4	859	186	44	45	8	4	859	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	9	4	44	2	22	0	0	3	33	846	9	44	22	0	33	846	5270	6	30	28	36	835
No	181	79	44	81	45	14	8	7	4	859	181	44	45	8	4	859	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	190	83	44	83	44	14	7	10	5	858	190	44	44	7	5	858	14466	15	38	25	23	843
<b>Gender</b>																						
Female	90	38	42	39	43	8	9	5	6	858	90	42	43	9	6	858	7070	15	39	25	22	843
Male	100	45	45	44	44	6	6	5	5	858	100	45	44	6	5	858	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	5	25	33	37	835
No	190	83	44	83	44	14	7	10	5	858	190	44	44	7	5	858	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	13	13	100	0	0	0	0	0	0	873	13	100	0	0	0	873	700	68	27	3	1	866
No	177	70	40	83	47	14	8	10	6	857	177	40	47	8	6	857	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Falmouth School Department  
School: Falmouth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
<b>How much homework do you do on school nights?</b> A. none B. less than one hour C. one to two hours D. more than two hours	2 37 56 6	2 22 54 4	50 32 51 36	1 36 41 5	25 52 39 45	0 7 5 2	0 10 5 18	1 4 5 0	25 6 5 0	852 855 861 854	2 37 56 6	50 32 51 36	25 52 39 45	0 10 5 18	25 6 5 0	852 855 861 854	8 51 36 5	8 12 19 19	24 38 40 36	24 26 23 22	44 23 19 23	833 842 845 844
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b> A. very good B. good C. fair D. poor	46 47 7 1	56 27 0 0	65 31 0 0	28 47 6 2	33 53 46 100	0 10 4 0	0 11 31 0	2 4 3 0	2 5 23 0	865 855 842 853	46 47 7 1	65 31 0 0	33 53 46 100	0 11 31 0	2 5 23 0	865 855 842 853	28 45 21 5	33 11 3 2	41 43 27 14	15 25 35 30	11 21 35 54	852 842 834 828
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b> A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	40 52 6 2	40 37 5 1	53 38 42 33	28 51 2 1	37 52 17 33	5 7 2 0	7 7 17 0	3 3 3 1	4 3 25 33	861 858 849 841	40 52 6 2	53 38 42 33	37 52 17 33	7 7 17 0	4 3 25 33	861 858 849 841	28 52 16 4	23 13 8 5	41 40 28 15	21 25 30 22	15 21 34 58	848 843 836 826
<b>How difficult was the mathematics part of this test?</b> A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	19 53 28	5 41 37	14 41 70	23 45 14	66 45 26	4 9 1	11 9 2	3 6 1	9 6 2	851 856 867	19 53 28	14 41 70	66 45 26	11 9 2	9 6 2	851 856 867	32 52 16	6 13 39	34 41 35	29 25 13	32 20 13	837 843 853
<b>How hard did you try on the mathematics part of this test?</b> A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	25 69 6	19 59 5	40 45 42	18 59 5	38 45 42	4 8 2	9 6 17	6 4 0	13 3 0	855 860 857	25 69 6	40 45 42	38 45 42	9 6 17	13 3 0	855 860 857	42 52 7	12 17 12	38 39 27	26 23 27	25 20 35	841 845 837
<b>How often do you use calculators in mathematics class?</b> A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	35 47 13 4	33 39 9 2	49 43 36 25	28 40 12 3	42 44 48 38	4 6 3 1	6 7 12 13	2 5 1 2	3 6 4 25	861 858 854 847	35 47 13 4	49 43 36 25	42 44 48 38	6 7 12 13	3 6 4 25	861 858 854 847	34 35 18 13	18 14 12 9	40 38 37 32	22 26 27 25	20 21 24 34	845 843 841 837
<b>How often do you use laptops in mathematics class?</b> A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	3 3 36 58	0 3 41 39	0 50 59 35	3 3 23 54	60 50 33 49	1 0 4 9	20 0 6 8	1 0 1 8	20 0 1 7	846 865 862 856	3 3 36 58	0 50 59 35	60 50 33 49	20 0 6 8	20 0 1 7	846 865 862 856	9 17 28 46	13 11 15 16	38 37 40 36	23 26 25 24	26 26 20 23	841 841 844 843
<b>How do you feel about the following statement?</b> <b>"My knowledge of mathematics will be useful to me as an adult."</b> A. strongly agree B. agree C. disagree D. strongly disagree	62 33 3 2	61 20 1 1	52 32 17 33	44 34 4 1	37 54 67 33	9 4 0 1	8 6 0 33	4 5 1 0	3 8 17 0	861 855 847 851	62 33 3 2	52 32 17 33	37 54 67 33	8 6 0 33	3 8 17 0	861 855 847 851	52 39 6 3	19 11 7 4	41 35 28 25	22 27 26 28	18 27 39 43	846 840 835 832
<b>Optional school/SAU question</b> A. B. C. D.	43 29 14 14	2 0 0 0	67 0 0 0	1 1 1 1	33 50 100 100	0 0 0 0	0 0 0 0	0 1 0 0	0 50 0 0	861 835 852 860	43 29 14 14	67 0 0 0	33 50 100 100	0 0 0 0	0 50 0 0	861 835 852 860						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Falmouth School Department  
School: Falmouth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	59	31	59	31	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	106	56	106	56	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	22	12	22	12	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	3	2	3	2	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	38.2	68.2	38.2	68.2	32.0	57.1
<b>D. The Physical Setting</b>	31	55	20.0	64.5	20.0	64.5	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	11.2	65.9	11.2	65.9	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	8.9	63.6	8.9	63.6	7.7	55.0
<b>E. The Living Environment</b>	25	45	18.2	72.8	18.2	72.8	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Falmouth School Department  
 School: Falmouth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	190	59	31	106	56	22	12	3	2	856	190	31	56	12	2	856	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	1										1						114	8	39	31	22	839
Asian or Pacific Islander	14	2	14	10	71	1	7	1	7	854	14	14	71	7	7	854	230	20	44	23	13	848
Hispanic	3										3						184	9	45	29	16	842
Caucasian/White	172	54	31	95	55	21	12	2	1	856	172	31	55	12	1	856	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	23	4	17	9	39	7	30	3	13	846	23	17	39	30	13	846	2221	3	22	36	38	832
No	167	55	33	97	58	15	9	0	0	857	167	33	58	9	0	857	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	4										4						331	4	20	39	37	832
No	186	58	31	105	56	21	11	2	1	856	186	31	56	11	1	856	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	9	0	0	6	67	2	22	1	11	844	9	0	67	22	11	844	5184	6	40	33	21	840
No	181	59	33	100	55	20	11	2	1	856	181	33	55	11	1	856	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	190	59	31	106	56	22	12	3	2	856	190	31	56	12	2	856	14258	15	47	26	12	846
<b>Gender</b>																						
Female	90	22	24	53	59	13	14	2	2	854	90	24	59	14	2	854	6953	14	47	28	11	846
Male	100	37	37	53	53	9	9	1	1	857	100	37	53	9	1	857	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						828	5	35	40	20	839
No	190	59	31	106	56	22	12	3	2	856	190	31	56	12	2	856	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	13	10	77	3	23	0	0	0	0	870	13	77	23	0	0	870	699	65	34	2	0	865
No	177	49	28	103	58	22	12	3	2	854	177	28	58	12	2	854	13564	13	48	27	13	845

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Falmouth School Department  
School: Falmouth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	2	0	0	3	75	1	25	0	0	847	2	0	75	25	0	847	8	8	34	28	30	837
B. less than one hour	37	16	23	41	59	10	14	2	3	853	37	23	59	14	3	853	51	14	48	27	11	846
C. one to two hours	56	40	38	54	51	10	10	1	1	858	56	38	51	10	1	858	36	19	48	24	9	848
D. more than two hours	6	2	18	8	73	1	9	0	0	852	6	18	73	9	0	852	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	23	20	45	22	50	2	5	0	0	861	23	45	50	5	0	861	23	27	47	17	8	851
B. good	57	37	34	57	52	13	12	2	2	856	57	34	52	12	2	856	53	15	50	26	10	847
C. fair	18	2	6	26	74	7	20	0	0	849	18	6	74	20	0	849	20	4	43	35	18	840
D. poor	1	0	0	1	50	0	0	1	50	836	1	0	50	0	50	836	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	24	21	47	18	40	6	13	0	0	858	24	47	40	13	0	858	26	20	49	23	9	849
B. They match some of what I have learned.	49	27	29	55	59	9	10	2	2	856	49	29	59	10	2	856	51	14	48	26	11	846
C. They match just a little of what I have learned.	25	11	23	29	62	6	13	1	2	853	25	23	62	13	2	853	18	13	44	28	15	844
D. There is no match.	3	0	0	4	80	1	20	0	0	850	3	0	80	20	0	850	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	35	16	25	39	60	9	14	1	2	854	35	25	60	14	2	854	32	13	45	28	14	844
B. about the same as my regular schoolwork	52	34	35	49	51	13	13	1	1	856	52	35	51	13	1	856	56	15	49	25	11	847
C. easier than my regular schoolwork	13	8	33	15	63	0	0	1	4	858	13	33	63	0	4	858	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	25	13	27	28	58	6	13	1	2	853	25	27	58	13	2	853	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	70	45	34	71	54	14	11	2	2	857	70	34	54	11	2	857	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	5	1	11	6	67	2	22	0	0	851	5	11	67	22	0	851	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	22	12	31	20	51	5	13	2	5	853	22	31	51	13	5	853	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	28	13	25	33	65	5	10	0	0	856	28	25	65	10	0	856	23	17	49	22	12	847
C. the course(s) described in B, plus physics	29	23	43	28	53	2	4	0	0	860	29	43	53	4	0	860	21	31	44	17	7	852
D. a life science and physical science class	21	6	16	24	63	7	18	1	3	851	21	16	63	18	3	851	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	28	23	44	27	52	2	4	0	0	860	28	44	52	4	0	860	27	23	47	20	10	849
B. agree	41	27	35	40	52	8	10	2	3	856	41	35	52	10	3	856	37	14	47	27	12	846
C. disagree	23	7	16	28	64	8	18	1	2	851	23	16	64	18	2	851	25	11	48	29	12	845
D. strongly disagree	8	2	13	10	67	3	20	0	0	851	8	13	67	20	0	851	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	37	30	43	35	51	4	6	0	0	860	37	43	51	6	0	860	31	22	46	22	10	849
B. agree	46	25	29	44	51	14	16	3	3	854	46	29	51	16	3	854	50	14	49	26	11	846
C. disagree	14	3	12	20	77	3	12	0	0	852	14	12	77	12	0	852	14	9	45	31	15	843
D. strongly disagree	4	0	0	6	86	1	14	0	0	849	4	0	86	14	0	849	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	43	0	0	3	100	0	0	0	0	856	43	0	100	0	0	856						
B.	29	0	0	1	50	1	50	0	0	842	29	0	50	50	0	842						
C.	14	0	0	1	100	0	0	0	0	848	14	0	100	0	0	848						
D.	14	1	100	0	0	0	0	0	0	872	14	100	0	0	0	872						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number